

Comparisons of Job Characteristics

Focus Occupation: **Epidemiologists (19-1041)**

Associated Occupation: **Health Educators (21-1091)**

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 42

Focus Occupation: Epidemiologists (19-1041)

Associated Occupation: Health Educators (21-1091)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Customer and Personal Service	11.3	22.0	8.7	<<	Extensive education and/or training may be required
Education and Training	9.2	19.7	14.0	<<	Extensive education and/or training may be required
Psychology	6.4	15.1	11.0	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	14.2	7.7	<<	Extensive education and/or training may be required
Clerical	7.3	14.0	8.6	<<	Extensive education and/or training may be required
Sociology and Anthropology	4.1	12.8	11.6	<	Expanded education and/or training may be required
Therapy and Counseling	3.8	9.5	4.8	<<	Extensive education and/or training may be required
Philosophy and Theology	3.2	8.1	5.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Epidemiologists (19-1041)

Associated Occupation: Health Educators (21-1091)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Speaking	10.8	14.9	14.4	0	Current skill level may be sufficient
Writing	9.2	13.9	14.3	0	Current skill level may be sufficient
Social Perceptiveness	9.1	11.5	11.6	0	Current skill level may be sufficient

Learning Strategies	7.2	11.1	9.6	<	A higher skill level may be required
Time Management	8.9	10.7	11.2	0	Current skill level may be sufficient
Operations Analysis	5.0	9.8	9.5	0	Current skill level may be sufficient
Persuasion	7.4	9.8	8.8	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: Epidemiologists (19-1041) Associated Occupation: Health Educators (21-1091)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Expression	12.4	15.9	15.7	0	Current ability level may be sufficient
Oral Comprehension	12.5	15.2	16.4	0	Current ability level may be sufficient
Written Expression	9.8	14.8	15.0	0	Current ability level may be sufficient
Written Comprehension	11.0	13.7	16.0	>	Current ability level is likely sufficient
Speech Clarity	10.2	13.4	11.6	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	9.3	11.8	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 85
Focus Occupation: Epidemiologists (19-1041) Associated Occupation: Health Educators (21-1091)		
Work Activities	Exclusivity of Activity	
Convert information into instructional program	38	
Establish and maintain relationships with health specialists or civic groups	92	
Make presentations	13	
Make presentations on health or medical issues	50	
Research health improvement issues	89	
Teach health personnel	92	
Use oral or written communication techniques	1	
Use scientific research methodology	21	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 82

Focus Occupation: Epidemiologists (19-1041)
Associated Occupation: Health Educators (21-1091)

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Industry specific software	1
Information exchange software	1
Network applications software	1

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.